

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q79111

Kiyohisa ICHINO

Appln. No.: Unknown

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: December 23, 2003

Examiner: Unknown

For: TRANSMISSION SYSTEM FOR EFFICIENT TRANSMISSION OF PROTOCOL DATA

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

1. Japanese Patent Application Publication No. 10-79736, published March 24, 1998 with English Abstract.
2. Japanese Patent Application Publication No. 10-262015, published September 29, 1998 with English Abstract.
3. Japanese Patent Application Publication No. 11-317739, published November 16, 1999 with English Abstract.

Kiyohisa ICHINO  
Q79111  
INFORMATION DISCLOSURE STATEMENT

4. Japanese Patent Application Publication No. 2-50648, published February 20, 1990 with English Abstract.
5. PPP over SONET/SDH, (see IETF RFC 2615 Specifications, June 1999, IETF), pp. 1-9.
6. GFP (Generic Framing Procedure: see ITU-T G, 7041 Specification, December 2001, ITU-T), pp. 1-56.
7. PPP in HDLC-like Framing, (HDLC-like frames, IETF RFC 1662 Specifications, July 1994, pp. 1-23.
8. Fibre Channel Physical and Signaling Interface (FC-PH), ANSI X3.230 - 199x, Rev. 4.3, June 1, 1994, pp. 1-478.
9. SBCON Single-Byte Command Code Sets CONnection architecture, (SBCON), ANSI X3.296-199 Specifications, September 30, 1996, pp. 1-244.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

Applicant states that the above references 5-9 are discussed with the specification beginning at page 1, lines 14 and 15, page 2, line 6 and page 6, lines 20 and 21.

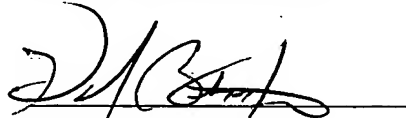
The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not

Kiyohisa ICHINO  
Q79111  
INFORMATION DISCLOSURE STATEMENT

waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



Howard L. Bernstein  
Registration No. 25,665 *for*  
J. Frank Osha  
Registration No. 24,625

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE  
**23373**  
CUSTOMER NUMBER

Date: December 23, 2003

Substitute for Form 1449 A & B/PTO  <b><u>INFORMATION DISCLOSURE</u></b> <b><u>STATEMENT BY APPLICANT</u></b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	Unknown
				Confirmation Number	Unknown
				Filing Date	December 23, 2003
				First Named Inventor	Kiyohisa ICHINO
				Art Unit	Unknown
				Examiner Name	Unknown
Sheet	1	of	1	Attorney Docket Number	Q79111

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	10-79736	A	03/24/1998	NEC Corporation	English Abstract
		JP	10-262015	A	09/29/1998	Matsushita Electric Ind Co.	English Abstract
		JP	11-317739	A	11/16/1999	Hitachi Ltd.	English Abstract
		JP	2-50648	A	02/20/1990	Oki Electric Ind Co., Ltd.	English Abstract

OTHER DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		PPP over SONET/SDH, (See IETF RFC 2615 Specifications, June 1999, IETF), pp. 1-9.	
		GFP (Generic Framing Procedure: see ITU-T G, 7041 Specification, December 2001, ITU-T), pp. 1-56.	
		PPP in HDLC-like Framing, (HDLC-like frames, IETF RFC 1662 Specifications, July 1994, pp. 1-23.	
		Fibre Channel Physical and Signaling Interface (FC-PH), ANSI X3.230 - 199x, Rev. 4.3, June 1, 1994, pp. 1-478.	
		SBCON Single-Byte Command Code Sets CONnection architecture, (SBCON), ANSI X3.296-199 Specifications, September 30, 1996, pp. 1-244.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.